

## **Background Information**

### **A. Dates**

The students were given the assessment on Friday 22<sup>nd</sup> February at 1130. The assessment was 95 minutes (2 lessons) long and was completed at 1305.

### **B. Assessment Conditions**

The assessment was taken under examination condition with no teacher support (other than clarifications of questions). GDC calculators and non-electronic dictionaries were allowed.

### **C. Construction**

It took several drafts until the final version was agreed upon. The team tried to make it as authentic a real life problem as possible. Taking the advice from previous IBO reports, the team also tried to minimise the guidance given to students yet give enough structure for students to attempt the problem. While coming up with the geometric and arithmetic models were easy, students had to justify which was more appropriate in order to get a level 5-6 or above.

### **D. Standardisation**

Standardisation was carried out on Wednesday 27<sup>th</sup> February. It involved 3 teachers (EL, KS and WW). The results of the standardization process are in the excel file under the 'Summary of Standardisation' section.

### **E. Unit of Work**

Please refer to the unit plan below for more details of the concepts, skills, context and expected outcomes of the unit of work.